



## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/513,679	02/25/2000	Maria Adamczyk	36968/187944	7534	
30314	7590 02/14/2003				
JOHN S. PRATT KILPATRICK STOCKTON LLP (BELLSOUTH) 1100 PEACHTREE STREET			EXAMINER		
			ANWAH, OLISA		
SUITE 2800 ATLANTA, GA 30309			ART UNIT	PAPER NUMBER	
,			2645		
				DATE MAIL ED: 02/14/2003	

Please find below and/or attached an Office communication concerning this application or proceeding.

4a) Of the above claim(s) is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration.  5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are rejected.  7) □ Claim(s) is/are objected to. 8) □ Claim(s) are subject to restriction and/or election requirement.  Application Papers  9) □ The specification is objected to by the Examiner.  10) □ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) □ The proposed drawing correction filed on is: a) □ approved b) □ disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) □ The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) □ All b) □ Some * c) □ None of:  1. □ Certified copies of the priority documents have been received in Application No application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.  14) □ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) □ The translation of the foreign language provisional application has been received.  15) □ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1 □ Notice of References Cited (PTO-892)  2) □ Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) □ Notice of Informal Patent Application (PTO-152)			7.5				
### Examiner   Disa Anwah   2645  ### - The MAILING DATE of this communication appears on the cover sheet with the correspondence address → Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ② MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  □ Exhaustion of time may be available under the provisions of 31° CRF. 1.35(i). In no event, however, may a reply the timely filled  □ If the period for reply specified solves, the anaexmun statutory prior of will apply and will expire SX (6) MONTHS from the mailing date of the communication of the period or reply is appealed above, the anaexmun statutory prior of will apply and will expire SX (6) MONTHS from the mailing date of the communication. Any reply received by the filtose lates then there models are the analysing date of the communication, even if timely filled, may reduce any common particular term adjustment. Sen 37° CFR 1.74(b).  #### Responsive to communication(s) filled on 09 December 2002.  ##### Responsive to communication(s) filled on 09 December 2002.  ##### Responsive to communication for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  #### Disposition of Claims  #### Application is FINAL.  #### Claim(s) 1.29 is/are pending in the application.  #### Application Papers  #### Old the above claim(s) is/are withdrawn from consideration.  #### Claim(s) 1.29 is/are rejected.  #### Claim(s) 1.29 is/are rejected.  #### Claim(s) 1.29 is/are rejected to.  #### Old the above claim(s) is/are: a) accepted or b) objected to by the Examiner.  #### Application Papers  #### Application is objected to by the Examiner.  #### Application Papers  #### Application is objected to by the Examiner.  #### If approved, corrected drawings are required in reply to this Office action.  #### If approved, corrected drawings are required in reply to this Office action.  #### If approved, corrected drawings are required in reply to this Office actio		Application No.	Applicant(s)				
Olisa Anvah  Olisa Month (S) FROM  THE MALING DATE OF THIS COMMUNICATION.  He MALING DATE OF THIS COMMUNICATION.  If the period for reply specified store is less than this (8) days, erely within the stationy minimum of thiny (30) days will be considered timely.  If the period for reply specified shows is less than thirty (80) days, erely within the stationy minimum of thiny (30) days will be considered timely.  If the period for reply specified shows is less than thirty (80) days, erely within the stationy minimum of thiny (30) days will be considered timely.  If the period for reply specified shows is less than thirty (80) days, erely within the stationy minimum of thiny (30) days will be considered timely.  If the period for reply specified shows is less than thirty (80) days, erely within the stationy minimum of thirty (80) days will be considered timely.  If the period for reply specified on the station of the station of thirty (80) days will be considered timely.  If the period for reply specified and the station of the station of thirty (80) days will be considered timely.  If the period or reply specified and the station of the station of thirty (80) days will be considered the station of thirty (80) days will be considered to the station of thirty (80) days will be considered to the minimum of the station of the station of the station of the call the station of	· Office Action Comments	09/513,679	ADAMCZYK ET AL.				
- The MALING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ③ MONTH(S) FROM THE MALING DATE OF THIS COMMUNICATION.  Extendisor of time may be available under the provisions of 3D CR1 130(a) in no event, however, may a reply be timely fled  Extendisor of time may be available under the provisions of 3D CR1 130(a) in no event, however, may a reply be timely fled  If the period for reply specified above is less than triley (0) days, at reply within the stability of within the period for reply value of the period for reply will, by stability period value prices (NG MONTH) from the maling date of this communication.  Failure to reply whitin the set or extended period for reply will, by stability, cause the application to become ABMCONTED (50 U.S.C § 133).  Brace This action is FINAL.  2b) This action is non-final.  3) Responsive to communication(s) filed on 69 December 2002.  2a) This action is FINAL.  2b) This action is non-final.  3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Claim(s) 1-29 is/are pending in the application.  4a) Of the above claim(s) is a state allowed.  6) Claim(s) 1-29 is/are rejected.  7) Claim(s) is/are allowed.  6) Claim(s) is/are allowed.  6) Claim(s) is/are allowed.  6) Claim(s) is/are allowed.  6) Claim(s) Is/are objected to by the Examiner.  Application Papers  9) The specification is objected to by the Examiner.  Application Papers  9) The proposed drawing correction filed on is/are: a) approved by disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) The oath or declaration is objected to by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) All by Some cyllonor of the priority documents	Oπice Action Summary	Examiner	Art Unit				
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MALLING DATE OF THIS COMMUNICATION.  - Exalescents of three may be ardiable under the provisions of 37° CFR 1.15(e), in no event, however, may a reply be timely filed  - If the period for mely specified above. The maximum statutory pranted will apply and wall expire \$X (0) MONTES from the mailing date of this communication.  - If NO period for mely specified above. The maximum statutory pranted will apply and wall expire \$X (0) MONTES from the mailing date of this communication.  - Any reply received by the Officie later than three membras after the mailing date of the communication, even if limits filed, may reduce any search and places term adjustment. See 37 CFR 1.704(b).  Status  1)  Responsive to communication(s) filed on 09 December 2002.  2e)  This action is FINAL.  2b)  This action is non-final.  3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parts Quayle, 1935 c.D. 11, 453 O.G. 213.  Disposition of Claims  4)  Claim(s) 1-29 is/are pending in the application.  4a) Of the above claim(s) is/are allowed.  6)  Claim(s) 1-29 is/are rejected.  7)  Claim(s) is/are objected to.  8)  Claim(s) 2 is/are objected to.  8)  Claim(s) 3 results of the service objected on and/or election requirement.  Application Papers  9)  The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Application Papers  9)  The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  10)  The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  11  Figure 13 U.S.C. § 119 and 120  13  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) Mone of:  1  Certified copies of the priority documents have been received in Application No.  3  See the attenched delated Office action for a list of the certified opies not received.  15  Ackn							
THE MAILING DATE OF THIS COMMUNICATION.  - Estancisor for many be variety under the provision of 3 CFR 1 13(6). In no event, however, may a raphy be timely filed after SIX (6) MONTHS from the mailing date of this communication.  - I stancisor for many be variety to the mailing date of this communication.  - I stancisor for reply is specified above, the maximus absultory prind valley and will expire SIX (6) MONTHS from the mailing date of this communication.  - Failure to reply within the soil or extended period for reply will, by statutory many and year and we griefs (8) MONTHS from the mailing date of this communication.  - Failure to reply within the soil or extended period for reply will, by statutor, according to the communication.  - Failure to reply within the soil or extended period for reply will, by statutor, cause the application to become ABANDONED (35 U.S.C. § 133).  - Any reply received by the Official set than these moments after the mailing date of this communication.  - Failure to reply within the soil or extended period for reply will, by statutor, according to the communication.  - Failure to reply within the soil or extended period for reply will, by statutor, and the communication.  - Failure to reply within the soil or extended period for reply will, by statutor, and the communication.  - Failure to reply within the soil or extended period for reply will, by statutor, and the communication.  - Statuts  - Statuts  - To Pailure to reply statutor, and the communication.  - Statuts  - To Pailure to reply within the soil or extended period for reply will, by statutor, and the communication.  - The proposed corrected drawing and the application of the cardinal period for reply and the communication.  - Statuts  - St		ears on the cover sneet with the c	orrespondence address				
2a)  This action is FINAL. 2b)  This action is non-final.  3   Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4)  Claim(s) 1-29 is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5)  Claim(s) is/are allowed.  6)  Claim(s) is/are allowed.  6)  Claim(s) is/are objected to.  8)  Claim(s) are subject to restriction and/or election requirement.  Application Papers  9)  The specification is objected to by the Examiner.  10)  The drawing(s) filed on is/are: aloacepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11)  The proposed drawing correction filed on is: a) objected to by the Examiner.  12)  The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a)  All b)  Some * c) None of:  1.  Certified copies of the priority documents have been received in Application No  3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14)  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a)  The translation of the foreign language provisional application has been received.  15)  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.	<ul> <li>THE MAILING DATE OF THIS COMMUNICATION.</li> <li>Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication.</li> <li>If the period for reply specified above is less than thirty (30) days, a reply If NO period for reply is specified above, the maximum statutory period we Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).</li> </ul>	86(a). In no event, however, may a reply be time within the statutory minimum of thirty (30) days fill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONEI	nely filed s will be considered timely. the mailing date of this communication. D (35 U.S.C. § 133).				
3	1) Responsive to communication(s) filed on <u>09 D</u>	<u> Pecember 2002</u> .					
closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.    Disposition of Claims	2a) ☐ This action is <b>FINAL</b> . 2b) ☑ Thi	s action is non-final.					
4a) Of the above claim(s) is/are withdrawn from consideration.  5) □ Claim(s) is/are allowed.  6) ☒ Claim(s) is/are rejected.  7) □ Claim(s) is/are rejected.  7) □ Claim(s) are subject to restriction and/or election requirement.  Application Papers  9) □ The specification is objected to by the Examiner.  10) □ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) □ The proposed drawing correction filed on is: a) □ approved b) □ disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) □ The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) □ All b) □ Some * c) □ None of:  1. □ Certified copies of the priority documents have been received.  2. □ Certified copies of the priority documents have been received in Application No  3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) □ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  15] □ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  16] □ Notice of References Cited (PTO-892)  20 □ Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) □ Notice of Informal Patent Application (PTO-152)	closed in accordance with the practice under the						
5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement.  Application Papers  9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some *c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in Inis National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.	4) Claim(s) 1-29 is/are pending in the application.						
6) Claim(s) 1-29 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) is/are objected to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). 11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action. 12) The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some c) None of:  1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Aktachment(s)    Interview Summary (PTO-413) Paper No(s).   Oblice of Informal Patent Application (PTO-152)	4a) Of the above claim(s) is/are withdraw	vn from consideration.					
7) Claim(s) is/are objected to.  8) Claim(s) are subject to restriction and/or election requirement.  Application Papers  9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  10 Notice of References Cited (PTO-892)  21 Notice of Informal Patent Application (PTO-152)	5) Claim(s) is/are allowed.						
Application Papers  9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of References Cited (PTO-413) Paper No(s)  5) Notice of Informal Patent Application (PTO-152)	6)⊠ Claim(s) <u>1-29</u> is/are rejected.						
Application Papers  9	7) Claim(s) is/are objected to.						
9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) Notice of Informal Patent Application (PTO-152)		election requirement.					
10)  The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  Notice of Informal Patent Application (PTO-152)	··						
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413) Paper No(s)							
11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413) Paper No(s)  5) Notice of Informal Patent Application (PTO-152)	· · · · · · · · · · · · · · · · · · ·	•					
If approved, corrected drawings are required in reply to this Office action.  12) The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some colonic None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No.  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413) Paper No(s).  10 Notice of Draftsperson's Patent Drawing Review (PTO-948)							
12) The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  1 Notice of Informal Patent Application (PTO-152)			oved by the Examiner.				
Priority under 35 U.S.C. §§ 119 and 120  13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) Notice of Informal Patent Application (PTO-152)							
13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) Notice of Informal Patent Application (PTO-152)		ammer.					
a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  1 Interview Summary (PTO-413) Paper No(s)			) (4) == (6)				
1. ☐ Certified copies of the priority documents have been received.  2. ☐ Certified copies of the priority documents have been received in Application No  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) ☐ The translation of the foreign language provisional application has been received.  15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) ☑ Notice of References Cited (PTO-892)  2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) ☐ Notice of Informal Patent Application (PTO-152)	,	priority under 35 U.S.C. § 119(a	)-(a) or (t).				
2. ☐ Certified copies of the priority documents have been received in Application No  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) ☐ The translation of the foreign language provisional application has been received.  15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) ☒ Notice of References Cited (PTO-892)  2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) ☐ Notice of Informal Patent Application (PTO-152)							
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) Notice of Informal Patent Application (PTO-152)	<u> </u>		N				
application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) Notice of Informal Patent Application (PTO-152)							
a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3 U.S.C. §§ 120 and/or 121.  4) Interview Summary (PTO-413) Paper No(s)  5) Notice of Informal Patent Application (PTO-152)	application from the International Bur	reau (PCT Rule 17.2(a)).	_				
15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  4) Interview Summary (PTO-413) Paper No(s)  5) Notice of Informal Patent Application (PTO-152)	14) Acknowledgment is made of a claim for domestic	priority under 35 U.S.C. § 119(e	e) (to a provisional application).				
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 4) Interview Summary (PTO-413) Paper No(s) 5) Notice of Informal Patent Application (PTO-152)							
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) Notice of Informal Patent Application (PTO-152)	Attachment(s)						
	2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) Notice of Informal F					

Art Unit: 2645

## DETAILED ACTION

## Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (e) the invention was described in-
- (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).
- 2. Claims 1-4, 6-12, 14-20 and 22-28 are rejected under 35 U.S.C. § 102(e) as being anticipated by Malik, U.S. Patent No. 6301349 (hereinafter Malik).

Regarding claim 1, Malik discloses with respect to a communication (see Figure 6) from a caller (24e) to a subscriber's directory number (24d) where the communication has been terminated (step A) to a voice mail system (36) (VMS) serving the subscriber instead of the communication having been terminated to terminating equipment associated with the subscriber's directory number (24d), a method for transferring

Art Unit: 2645

the communication (step C) from the VMS (36) so the VMS is no longer involved in the communication, the method comprising:

receiving a message indicating a release of the communication by the VMS (step C), the message also indicating at least an action to be taken with respect to the communication (col. 11, lines 60-67); and

directing that the action be taken with respect to the communication (col. 12, lines 1-12), whereby the communication, which had been terminated to the VMS, is released from the VMS and is acted upon without further involvement of the VMS with the communication. The call is released from VMS (36) because after step C, the VMS is no longer involved with the communication.

Regarding claim 2, Malik discloses the message comprises the subscriber's directory number (directory number designated by the subscriber and to which a voice mail service is applied 24d) and a different directory number (VMS directory number 25) (col. 11, lines 60-66);

wherein the type of action comprises a transfer of communication (col. 12, lines 46-49);

wherein action B comprises directing the communication be transferred to the subscriber's directory number (step F); and further comprising:

Art Unit: 2645

in response to directing the communication to be transferred to the subscriber's directory number, receiving a query with respect to the communication (step G);

in response to the query, causing the communication to be transferred to the different directory number (step I).

Regarding claim 3, Malik discloses causing the communication to be transferred to the different directory number comprises providing instructions to cause the communication to be transferred to the different directory number (step H); and

wherein the instructions also comprise a request to generate a billing record with respect to the communication (col. 13, line 61).

Regarding claim 4, see col. 12, lines 45-60.

Regarding claim 6, Malik discloses with respect to a communication (see Figure 6) from a caller (24e) to a subscriber's directory number (24d) where the communication has been terminated (step A) to a voice mail system (36) (VMS) serving the subscriber instead of the communication having been terminated to terminating equipment associated with the subscriber's directory number (24d), a system for transferring the communication (step C) from the VMS (36) so the VMS is no longer involved in the communication, the system comprising:

Art Unit: 2645

a service switching point (22b) operative to receive a message indicating a release of the communication by the VMS (step C), the message also indicating at least an action to be taken with respect to the communication, and the SSP also operative to provide the message (step D) to a service control point (27); and

the SCP operative, in response to receipt of the message from the SSP, to direct that the action be taken with respect to the communication (step E),

whereby the communication, which had been terminated to the VMS, is released from the VMS and is acted upon without further involvement of the VMS with the communication. The call is released from VMS (36) because after step C, the VMS is no longer involved with the communication.

Regarding claim 7, the message comprises the subscriber's directory number and a different directory number (col. 11, lines 60-66);

wherein the action comprises a transfer of the communication (col. 12, lines 46-49);

wherein the SCP is also operative to direct the communication to be transferred to the subscriber's directory number as the action (step  ${\tt E}$ ).

Art Unit: 2645

Regarding claim 8, Malik discloses the SCP is further operative to direct the SSP to route the communication to the subscriber's directory number (step E) and wherein the SSP is operative to route the communication to the subscriber's directory number (step F).

Regarding claim 9, see steps F, G, H and I.

Regarding claim 10, see steps H, I and J.

Regarding claim 11, see col. 13, line 61.

Claim 12 is rejected for the same reasons as claim 4.

Regarding claim 14, Malik discloses with respect to a communication (see Figure 6) from a caller (24e) to a subscriber's directory number (24d) where the communication has been terminated (step A) to a voice mail system (36) (VMS) serving the subscriber instead of the communication having been terminated to terminating equipment associated with the subscriber's directory number (24d), a method for transferring the communication (step C) from the VMS (36) so the VMS is no longer involved in the communication, the method comprising:

receiving an indication of action to be taken with respect to the communication (step B); and

transmitting a message indicating a release of the communication, the message indicating the action to be taken with respect to the communication (step C),

Art Unit: 2645

whereby the communication, which had been terminated to the VMS, is released from the VMS and is acted upon without further involvement of the VMS with the communication. The call is released from VMS (36) because after step C, the VMS is no longer involved with the communication.

Regarding claim 15, the action comprises an event allowing for the release of the communication because after step C, the VMS is no longer involved with the communication, hence the VMS is released from the communication.

Regarding claim 16, see Figure 5, step 42.

Regarding claim 17, see step C, Figure 6.

Regarding claim 18, see step C, Figure 6.

Claim 19 is rejected for the same reasons as claim 7.

Claim 20 is rejected for the same reasons claim 5.

Regarding claim 22, Malik discloses with respect to a communication (see Figure 6) from a caller (24e) to a subscriber's directory number (24d) where the communication has been terminated (step A) to a voice mail system (36) (VMS) serving the subscriber instead of the communication having been terminated to terminating equipment associated with the subscriber's directory number (24d), a VMS that acts on the communication so that the VMS is no longer involved with the communication, the VMS comprising:

Art Unit: 2645

a receiver operative to receive an indication of action to be taken with respect to the communication (step B); and

a transmitter for transmitting a message indicating a release of the communication, the message indicating the action to be taken with respect to the communication (step C),

whereby the communication, what had been terminated to the VMS, is released from the VMS and acted upon further without involvement of the VMS with the communication. The call is released from VMS (36) because after step C, the VMS is no longer involved with the communication.

Regarding the claimed receiver and transmitter, because Malik discloses the VMS (36) receives and transmits to 22c the VMS contains the claimed receiver and transmitter.

Claim 23 is rejected for the same reasons as claim 15.

Claim 24 is rejected for the same reasons as claim 16.

Claim 25 is rejected for the same reasons as claim 24.

Claim 26 is rejected for the same reasons as claim 17.

Claim 27 is rejected for the same reasons as claim 19.

Claim 28 is rejected for the same reasons as claim 20.

3. Claims 1, 4, 5, 6, 12, 13, 14, 20, 21, 22, 28, 29 are rejected under 35 U.S.C. § 102(e) as being anticipated by Wheeler, U.S. Patent No. 5583920 (hereinafter Wheeler).

Art Unit: 2645

Regarding claim 1, Wheeler discloses with respect to a communication from a caller to a subscriber's directory number where the communication has been terminated to a voice mail system serving the subscriber instead of the communication having been terminated to terminating equipment associated with the subscriber's directory number, a method for transferring the communication from the VMS so the VMS is no longer involved in the communication, the method comprising receiving a message indicating a release of the communication by the VMS, the message also indicating at least an action to be taken with respect to the communication and directing that the action be taken with respect to the communication, whereby the communication, which had been terminated to the VMS, is released from the VMS and is acted upon without further involvement of the VMS with the communication (col. 32, lines 10-40).

Regarding claim 4, see col. 32, lines 10-40.

Regarding claim 5, see col. 32, lines 10-40.

Claim 6 is rejected for the same reasons as claim 1.

Claim 12 is rejected for the same reasons as claim 4.

Claim 13 is rejected fro the same reasons as claim 5.

Claim 14 is rejected for the same reasons as claim 6.

Claim 20 is rejected for the same reasons as claim 12.

Claim 21 is rejected for the same reasons as claim 13.

Art Unit: 2645

Claim 22 is rejected for the same reasons as claim 14.

Claim 28 is rejected for the same reasons as claim 20.

Claim 29 is rejected for the same reasons as claim 21.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Olisa Anwah whose telephone number is 703-305-4814. The examiner can normally be reached on Monday to Friday from 8.30 AM to 6 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on 703-305-4895. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

0.A.

Olisa Anwah Patent Examiner February 5, 2003

FAN TSANG SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 2600